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SOURCE Newspapers as indicated.

ALTAY PLANT TO MAKE GAS-GENERATOR TRACTORS;
PETROZAVODSK PLANT CRITICIZED

PUTS OUT GAS GENERATOR MOTOR -- Moscow Trud, 20 Jul 50

The Altay Tractor Plant has produced the first "Pervenets" gas generator motor for tractors. It has shown excellent performance in tests and has been turned over to the assembly shop, where the first gas generator tractor is about to be rolled off.

Moscow Trud, 3 Aug 50

The Altay Tractor Plant has been awarded the transferable red banner and first prize of the Council of Ministers USSR.

TRACTOR PLANT FAILS TO USE FULL POTENTIAL -- Petrozavodsk Leninskoye Znamya,
5 Aug 50

In the last few months, the Petrozavodsk Tractor Plant has improved its work considerably. The half-year plan has been exceeded. Average labor productivity has risen 29 percent. Production costs have been reduced, yielding a profit of 368,000 rubles.

The plant completed the Five-Year Plan in mid-May and held the transferable red banner of the Ministry of Automobile and Tractor Industry for 4 successive months.

However, behind these successes lie many shortcomings. Many suggestions for better utilization of the plant's potential are not being implemented. For example, the transportation of parts and units could be improved by laying a monorail from the boiler shop to the welding shop. Moreover, the monorail could be made to serve also as a conveyor for the assembly of gas generating equipment if three or four Lueders trolleys were installed on it.

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A partial change in techniques could increase the output of the basic product 18 to 20 percent. For instance, a simple attachment could speed up the threading of nuts and bolts 20 times.

The mechanization of the hand-operated triple-shaft bending rolls through the installation of a reduction gear would raise production four times. This unit could easily be made on the premises from the gears of an S-80 tractor transmission.

Although in comparison with last year the casting shop increased its production of iron castings per square meter of forming area 35.8 percent, it could double or triple its present output by introducing chill casting and two-layer flask casting.

In addition, it is necessary to reorganize the plant's planning department to promote closer supervision over the movement of parts. At present there is a complete lack of coordination between this department and dispatching points. Shop chiefs waste much time filling out papers and making reports. This lack of coordination is disrupting the reciprocal relations between shops and causing last-minute speed-ups.

The plant is also faced with a problem of supplies. Since the casting shop has been exceeding the norm month after month, and since Gosplan Karelo-Finnish SSR apportions its funds in strict accordance with the norm, the shop is always short of metal. Though the administration tries to find other sources of supply, it is not always successful.

Criticism must be leveled also at the Ministry of Motor Transport for its failure to increase the rate of capital turnover. Finished products often get stranded for months on the plant's premises, and sometimes production must be halted because of lack of space for the new items. Another illustration of the manner in which the ministry is "helping" the plant is the fact that last March the Avtotekhsnab (Automobile Technical Equipment Supply) Trust (director, Severikov), without consulting the plant's management, unloaded 100,000 rubles worth of parts for which the plant had no need, since it was sufficiently stocked for the rest of the year. -- K. Kizhin, designing engineer, Petrozavodsk Gas Generator Plant

IMPROVES LOW-POWER ORCHARD AND GARDEN TRACTOR -- Tbilisi Zarya Vostoka, 12 Jul 50

Agricultural-machine-building plants have begun to put out a low-power orchard and garden tractor with complements of various types of agricultural machines. This tractor is successfully employed on field-preservation forest tracts, vineyards, tea plantations, and in tree nurseries.

In Georgian SSR, where the ground is broken and there are a few flatlands, this tractor is particularly effective. However, when coupled with the KM and KPM cultivators, which must process a heavy type of soil, this tractor does not produce good results. This difficulty has been resolved by Engineer Teymuraz Sobchinskiy of the Shampankombinat (Champagne Combine), who has added a frame to the tractor, which rests on two wheels; this makes the tractor more steady. The trailing implements, which are fastened to the frame, are now operated through hand levers and foot pedals.

The new device has tripled the tractor's productivity and improved the quality of cultivation.

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TRACTOR PLANT TURNS OUT MACHINES ABOVE PLAN -- Kiev Pravda Ukrainy, 4 Aug 50

The Kharkov Tractor Plant imeni Ordzhonikidze is turning out above-plan tractors daily. It produced several hundred more machines in July than in June. Over 1,000 turners, milling machine operators, fitters, smiths, and assemblers have met their year norms ahead of time.

INCREASES USE OF COLD STAMPING -- Moscow Pravda, 8 Aug 50

The Leningrad Kirov Plant now saves 70 kilograms of steel plate on every new tractor turned out. It has transferred 140 more parts from mechanical machining to cold stamping.

TRACTOR WORKERS TAKE OVER MACHINE TOOLS -- Leningradskaya Pravda, 26 Jul 50

At the Kharkov Tractor Plant imeni Ordzhonikidze, 1,200 machine tools have been turned over to workers for socialist maintenance. If their period of service is prolonged even one month, it will give the plant an additional 12,000 machine-tool-hours of work.

DOUBLES DAY'S OUTPUT OF CRANKSHAFTS -- Moscow Trud, 5 Aug 50

One of the brigades in the Stalingrad Tractor Plant recently forged 453 crankshafts in one shift, which is double the norm.

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